

REMARKS

In the above-identified Office Action it was required that Figure 1 of the drawings be identified as "PRIOR ART". Accordingly accompanying this response is a separate communication, forwarding a substitute Figure 1 including the legend "PRIOR ART".

Also, the Title and Abstract were objected to, and it was required that they both be amended. In response, they have both been revised by this Amendment.

Furthermore, Claim 1, from which all of the other claims depend, was rejected as being anticipated by the cited Shinohara reference which was relied upon as disclosing all of the limitations of Claim 1, including the requirement in that claim for the sensor and storage element to have different gains.

With regard to this last point, paragraph 5 of the Office Action, in reference to Figure 1 of Shinohara, points to Column 5, line 64 thereof as stating that the gain of the pixel sensor cell can be greater than 1, and apparently relies on Column 8, line 40, for the premise that the memory has a gain of (-1).

On the contrary, however, it appears that Shinohara teaches, with reference to Figure 5, which is the only disclosure for which both gains are disclosed, that the gains are equal. That is, see Column 7, line 65 and Column 8, line 40, wherein the respective gains for the sensor and memory are both specified as (-1).

Moreover, it appears that the Office Action's reliance on the gain of (+1) with reference to Figure 1 of Shinohara is misplaced as a basis for rejecting Claim 1, because the disclosure of Figure 1 does not include an amplifier for the memory, let alone a

specified gain relationship for such memory as compared to the gain for the sensor amplifier.

For these reasons it is believed that Claim 1 is patentable over the cited references, and that the dependent claims are patentable for these same reasons.

Accordingly, Applicant respectfully solicits the issuance of a formal Notice of Allowance in this application.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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